

Converting Colors

$Yxy(91.2676, 0.3023, 0.3573)$

Have a look what the booklet for
Yxy(91.2676, 0.3023, 0.3573)
contains.

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Color

Yxy(91.2676, 0.3023, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFE4
RGB	213, 255, 228
RGB Percent	84%, 100%, 89%
CMY	0.1645, 0.0000, 0.1058
CMYK	0.16, 0.00, 0.11, 0.00
HSL	141°, 100%, 92%
HSV	141°, 16%, 100%
XYZ	77.2186, 91.2676, 86.9507
YIQ	239.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

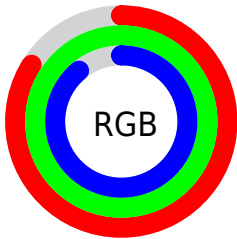
Format	Color
R _Y B	213, 244, 255
Decimal	14024676
CIE Lab	96.52, -18.45, 8.45
CIE LCh	97, 20.293, 155.400
Yxy	91.2676, 0.3023, 0.3573
Android (android.graphics.Color)	4292214756 (0xFFD5FFE4)
YUV	239.3640, -5.6025, -23.1212
Hunter-Lab	95.5341, -22.9061, 12.9108

Details

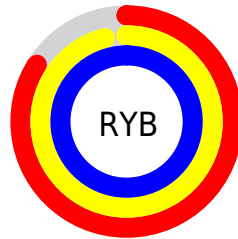
The Yxy color **91.2676, 0.3023, 0.3573** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.1732, 0.3248, 0.3023**, and the grayscale version is **86.6802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6744, 0.2996, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **86.8832, 0.2962, 0.3773**, and if you desaturate by 10%, it is **96.3457, 0.3086, 0.3394**.

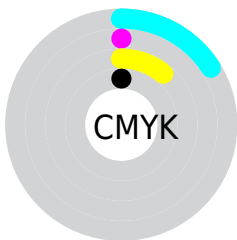
Distribution



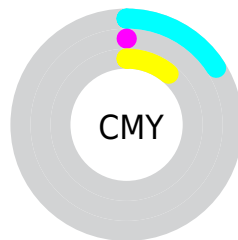
- Red (84%)
- Green (100%)
- Blue (89%)



- Red (84%)
- Yellow (96%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2676, 0.3023, 0.3573 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.2676, 0.3023, 0.3573 by changing the saturation by 10% instead.

 91.2676, 0.3023,
0.3573

 91.2676, 0.3023,
0.3573

532.1457, 0.3071,
0.3445

 69.0325, 0.3012,
0.3602


149.0979, 0.3039,
0.3529

 50.7382, 0.2999,
0.3637


185.4619, 0.3046,
0.3512

 36.0003, 0.2982,
0.3682


227.3042, 0.3051,
0.3497

 24.4344, 0.2961,
0.3739

275.0094, 0.3056,
0.3484

 15.6562, 0.2932,
0.3816

328.9617, 0.3060,
0.3472

 9.2812, 0.2890,
0.3924

389.5456, 0.3064,

 4.9250, 0.2827,

0.3462

0.4089

457.1455, 0.3068,
0.3453

■ 2.2033, 0.2718,
0.4368

■ 0.7218, 0.2044,
0.6261

■ 91.2676, 0.3023,
0.3573

■ 91.2676, 0.3023,
0.3573

■ 86.8832, 0.2962,
0.3773

■ 96.3457, 0.3086,
0.3394

■ 83.1508, 0.2907,
0.3992

99.9937, 0.3127,
0.3290

■ 80.0414, 0.2859,
0.4229

■ 77.5195, 0.2823,
0.4477

■ 75.5458, 0.2802,
0.4731

■ 74.0762, 0.2798,
0.4979

■ 73.0590, 0.2813,
0.5212

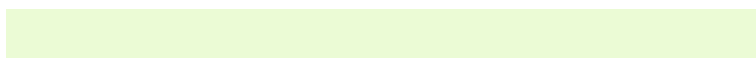
■ 72.4303, 0.2844,
0.5419

■ 72.2671, 0.2857,
0.5485

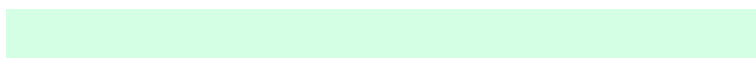
Harmonies

Analogous

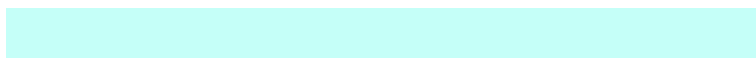
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2676, 0.3251, 0.3681



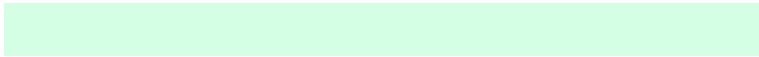
91.2676, 0.3023, 0.3573



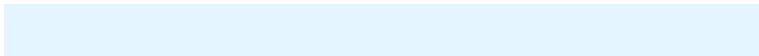
91.2676, 0.2828, 0.3381

Triad

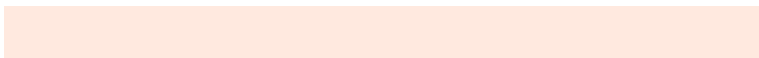
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2676, 0.3023, 0.3573



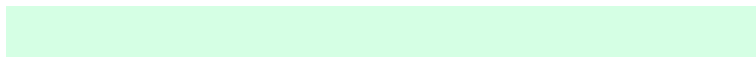
91.2676, 0.2806, 0.2918



91.2676, 0.3558, 0.3386

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91.2676, 0.3023, 0.3573



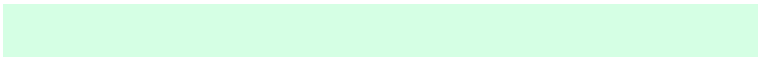
75.1732, 0.3248, 0.3023

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2676, 0.3431, 0.3194



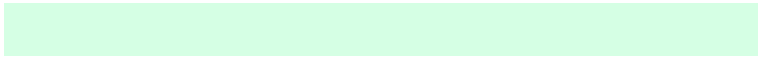
91.2676, 0.3023, 0.3573



91.2676, 0.2992, 0.2930

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2676, 0.3023, 0.3573



91.2676, 0.2706, 0.3002



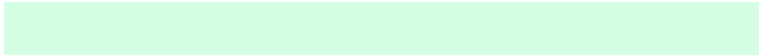
91.2676, 0.3221, 0.3030



91.2676, 0.3565, 0.3562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



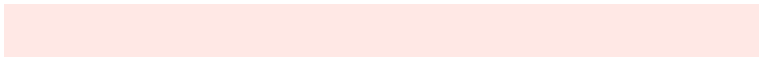
91.2676, 0.3023, 0.3573



91.2676, 0.2741, 0.3238



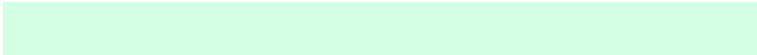
91.2676, 0.3221, 0.3030



91.2676, 0.3528, 0.3321

Sweetspot

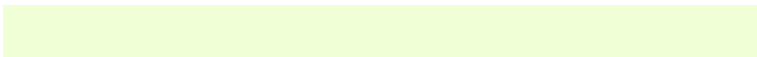
The Sweet Spot groups the original color and five complimentary colors.



91.2714, 0.3023, 0.3573



97.1443, 0.3095, 0.3370



94.9017, 0.3279, 0.3713



20.7101, 0.3091, 0.3382



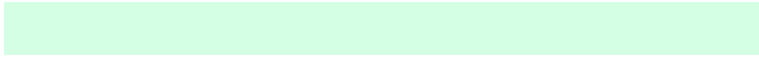
0.0000, 0.0000, 0.0000



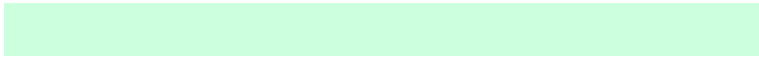
21.4041, 0.3127, 0.3290

Same Dimension

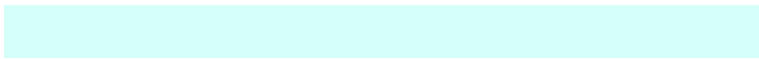
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2714, 0.3023, 0.3573



89.6409, 0.3001, 0.3642



92.4904, 0.2911, 0.3354



20.2751, 0.3067, 0.3447



37.7902, 0.2849, 0.5455



3.6994, 0.2785, 0.5227

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.1732, 0.3248, 0.3023



70.5497, 0.3279, 0.2963



74.0123, 0.3396, 0.3227



18.1840, 0.3193, 0.3138



12.5408, 0.4368, 0.2180



1.2419, 0.4200, 0.2088

Previews

White Background



This preview shows how the Yxy color 91.2676, 0.3023, 0.3573 looks on a white background.

Color Contrast Check

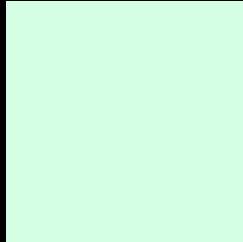
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.2676, 0.3023, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

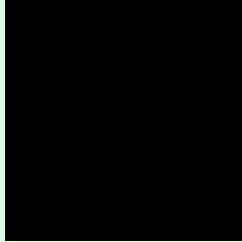
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

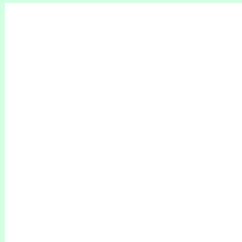
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2676, 0.3023, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 91.2676, 0.3023, 0.3573.

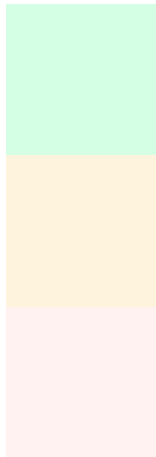


This preview shows how white text looks on a background with the Yxy color 91.2676, 0.3023, 0.3573.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.2676, 0.3023, 0.3573

Protanopia

91.0461, 0.3329, 0.3507

Deuteranopia

91.0555, 0.3225, 0.3310



Tritanopia

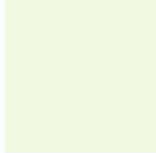
90.7937, 0.3006, 0.3200

Trichromacy



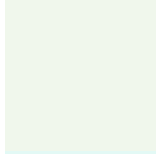
Original Color

91.2676, 0.3023, 0.3573



Protanomaly

90.8673, 0.3212, 0.3533



Deuteranomaly

91.1029, 0.3148, 0.3400



Tritanomaly

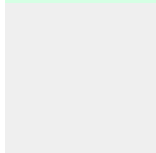
90.6748, 0.3013, 0.3330

Monochromacy



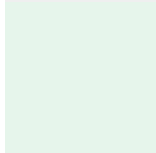
Original Color

91.2676, 0.3023, 0.3573



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.1260, 0.3090, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2676, 0.3023, 0.3573 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 91.2676, 0.3023, 0.3573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 255, 228) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(213, 255, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(213, 255, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2676, 0.3023, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
255, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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